

Impacts of Midwest Clean Diesel Initiative

Table 1. Breakdown of Engines Impacted by Vehicle Type as of 08-23-06

Vehicle Type	Engines Impacted
Truck	335,184
School Bus	6,948
Municipal	4,159
Transit Bus	3,118
Construction	2,666
Cargo Handling	26
Locomotive	6
Total	352,107

Table 2. Technology/Policy Usage as of 08-23-06

Technology Type	Number of Engines
Idling Policy	160,101
Biodiesel (2%)	143,700
Engine Upgrade (SmartWay)	11,653
Diesel-Driven Heater	11,560
Diesel Oxidation Catalyst	6,239
Biodiesel (20%)	3,606
ULSD Early Adoption	3,075
Diesel Particulate Filter	402
Crank Case Recirculation	18
Auxiliary Power Unit	17
Replace	11
CNG	10
Auto Shut-Down	6
Repower	5

Note: Total of engines by technology type is less than total engines impacted because technology type is not yet known for all projects.

Table 3. Funding Summary

Regional Funding Summary	Federal Funding	Non-Federal Funding	Total Project Cost
Total	14,808,773	17,565,779	32,374,552
EPA - Clean School Bus	2,235,286	517,453	2,752,739
EPA - National Clean Diesel	279,800	112,000	391,800
EPA - RGI/Grt Cities	400,000	0	400,000
EPA - Sensitive Population	50,000	0	50,000
EPA - SmartWay Grant	500,000	0	500,000
EPA - Miscellaneous	476,427	42,600	519,027
OTAQ	60,000	50,000	110,000
Total EPA Grants	4,001,513	722,053	4,723,566
Federal SEP	0	6,778,688	6,778,688
Clean Air Counts	230,000	0	230,000
DOT/CMAQ	10,577,260	2,601,344	13,178,604
State, Local Government	0	3,521,304	3,521,304
State SEP	0	3,540,391	3,540,391
Private	0	402,000	402,000

Table 4. Estimated Emissions Reductions (tons per year)

State-Level Annual Emissions Reductions Summary	CO (tpy)	VOC (tpy)	NOx (tpy)	PM2.5 (tpy)
Illinois	328	63	458	19
Indiana	30	10	12	4
Michigan	13	5	6	1
Minnesota	2	1	0	47
Ohio	23	8	0	3
Wisconsin	21	11	0	4
Total	418	97	475	79

Note: These emission reductions do not include the elimination of 770 tpy of NOx by SmartWay partners.